BRUHAT BANGALORE MAHANAGARA PALIKE, YELAHANKA ZONE

Executive Engineeer
Byatarayanapura Division
B.B.M.P., Bangalore - 92

DRAFT TENDER SCHEDULE

Issued to : **Original / Duplicate**

Name of Work: IMPROVEMENTS TO ROADA AND DRAINS AT JAKKUR LAYOUT AND OTHER AREA IN WARD NO. 08, AMRUTHAHALLI.

Sl. No.	Quantity.	Description	Unit	Rates	
				In Figures	In Words
1	137.03	Earth work excavation by manual means for drains, canals, waste weir, draft, approach channels, key trenches, foundation of Buildings & bridges and such simillar works in all kinds of soils, as per drawing and technical specifications, including setting out, shoring, strutting, barricading, caution lights, removal of stumps and other deleterious matter, excavated surface leveled and sides neatly dressed disposing off the excavated stuff or sorting & stacking the selected stuff for reuse in a radius of 50 m and lift upto 1.5 m including cost of labour, tools & other appurtenaces required to complete the work. In all kinds of soils Depth upto 1.5 m	Cum	266.20	Rupees Two Hundred Sixty Six and Twenty Paise Only
2	25.31	Providing and laying in position Cement Concrete for levelling course for all works in foundation. The granite/trap/basalt crushed graded coarse aggregates and fine aggregates as per relevant IS Codes machine mixed, laid in layers not exceeding 150 mm thickness, well compacted using plate vibrators, including all lead & lifts, cost of all materials of quality, labour, Usage charges of machinery, curing, and all the other appurtenances required to complete the work as per technical specifications.Mix 1:4:8 Using 40 mm nominal size graded crushed coarse aggregates	Cum	6230.40	Rupees Six Thousand Two Hundred Thirty and Forty Paise Only
3	46.09	Providing and laying in position Cement Concrete for all Sub structures of building, Irrigation works, Sub structure works of bridges, Drain works & other parallel works from 0.50m to 3.50 m height. The granite/trap/basalt crushed graded coarse aggregates and fine aggregates as per relevant IS Codes machine mixed with super plasticisers, laid in layers, well compacted using needle vibrators, providing weep holes wherever necessary, including all lead & lifts, cost of all materials of quality, confirming to the requirements of relevant IS codes, labour, Usage charges of machinery, curing and all other appurtenances required to complete the work as per technical specifications.M20 Design Mix Using 20 mm nominal size graded crushed coarse aggregates	Cum	7650.83	Rupees Seven Thousand Six Hundred Fifty and Eighty Three Paise Only
4	2.99	Steel Fabrication,Supplying, fitting and placing TMT FE 550 / 550D Steel Reinforcement including cost of all materials, machinery, labour, cleaning, straightening, cutting, bending, hooking, laping/welding joints, tying with binding wire / soft annealed steel wire and other ancilary operations complete as per drawing and technical specification .c For Substructure of Bridges.	Tonne	86912.10	Rupees Eighty Six Thousand Nine Hundred Twelve and Ten Paise Only
5	129.00	Providing and laying 100mm thick pre-cast cover slabs over Road side drains / utility ducts / Rain water harvesting pit of width not exceeding 1000 mm using M20 concrete reinforced with TMT bars Fe 550 @ 6kg/m2, slabs jointed in CM 1:3 proportion and nicely finished Including providing holes in the Cover slabs wherever necessary for easy drain age of surface waterincluding of labour, materials, scaffolding, usage of machinery, curing, lead and lift charges etc, Complete.	Sqm	1287.00	Rupees One Thousand Two Hundred Eighty Seven Only

Sl. No.	Quantity.	Description	Unit	Rates	
				In Figures	In Words
6	19.80	Providing and fixing 230mm thick pre cast reinforced concrete slab as per design and drawing material cost,transportation, hire charges of machinery complete with all lead and lift conveyance charges labour charges inclusive of cost of all materials	Sqm	5037.00	Rupees Five Thousand Thirty Seven Only
7	62.55	Dismantling of cement concrete pavement by mechanical means using pneumatic tools, breaking to pieces not exceeding 0.02 m3 in volume and stock piling at designated locations and disposal of dismantled materials and stacking serviceable and unserviceable materials separately.	Cum	619.30	Rupees Six Hundred Nineteen and Thirty Paise Only
8	177.83	Construction of dry lean cement concrete Sub- base over a prepared sub-grade with coarse and fine aggregate conforming to IS: 383, the size of coarse aggregate not exceeding 25 mm, aggregate cement ratio not to exceed 14:1, aggregate gradation after blending to be as per table 600-1, cement content not to be less than 140 kg/ m3 , optimum moisture content to be determined during trial length construction, concrete strength not to be less than 7 Mpa at 7 days, mixed in a batching plant, transported to site, laid with a paver with electronic sensor, compacting with 8-10 t vibratory roller, finishing and curing.	Cum	5412.00	Rupees Five Thousand Four Hundred Twelve Only
9	176.25	Construction of un-reinforced plain cement concrete pavement using RMC M-30 grade with OPC @ 270 kg/m3 and GGBS@ 90 kg/m3 (75:25 proportion) as per approved mix design procedure and thickness as per design, over a prepared sub base. The superplastisiser confirming to IS 9103-1999 Reaffirmed-2008 ,Coarse aggregates and Fine aggregate confirming to IS:383-2016, transported to site, laid in approved fixed side form work (steel channel, laying and fixing of 125 micron thick polythene film, wedges, steel plates including levelling the form work). Spreading the concrete with shovels, rackers and compacted using needle, suitable plate vibrator and finished in a continuous operation including provision of separation membrane and Hessian cloth finishing to lines and grades complete including cost of all materials, labour, all lead & lift, loading charges as per specification & direction of Engineer - incharge of the work. (Groove cutting shall be paid seperately)	Cum	7451.40	Rupees Seven Thousand Four Hundred Fifty One and Forty Paise Only
10	4.50	Providing Size Stone masonry with hard stone in foundation & plinth with Cement mortar 1:6 (1 cement : 6 coarse sand)	Cum	7027.90	Rupees Seven Thousand Twenty Seven and Ninety Paise Only
11	62.50	Providing and fixing G.I. chain link fabric fencing of required width in mesh size 50x50 mm including strengthening with 2 mm dia wire or nuts, bolts and washers as required complete as per the direction of Engineerin- charge. (Made of G.I. wire of dia 4 mm)	Sqm	883.30	Rupees Eight Hundred Eighty Three and Thirty Paise Only
12	966.00	Providing and fixing Steel work welded in built up sections/ framed work, including cutting, hoisting, fixing in position and applying a priming coat of approved steel primer using structural steel etc. as required. In gratings, frames, guard bar, ladder, railings, brackets, gates and similar works including cost of materials, labour, usage charges of machinery complete as per pecifications and as per directions of the Engineer-in- Charge.	Kgs	149.60	Rupees One Hundred Forty Nine and Sixty Paise Only
13	199.58	Unload ing, Loading & Carriage of MaterialsLoading and Unloading of Stone Boulder/Stone aggregates/Sand/Kankar/Moorum. (Tipper 5.5 m3)	Cum	148.50	Rupees One Hundred Forty Eight and Fifty Paise Only

Sl. No.	Quantity.	Description	Unit	Rates	
				In Figures	In Words
14	255.46	Cost of Haulage Excluding Loading and Unloading,Taking output 10 t load and lead 10 km = 100 t.km	t.km	198.00	Rupees One Hundred Ninety Eight Only

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Executive Engineer
ಕಾರ್ಯಪಾಲಕ ಅಭಿಯಂತರರು
Byatarayanapura Division
ಬ್ಯಾಟರಾಯನಪುರ ವಿಭಾಗ
BBMP, Bangalore - 92
ಬೃಬೆಮಪಾ, ಬೆಂಗಳೂರು

Note:

1 Item for which no rate or price has been entered in will not be paid for by the Employer when executed and shall be deemed covered by the other rates and prices in the Bill of quantities (refer: ITB Clause 7.2 and CC Clause 33.2)

2 Unit rates and prices shall be quoted by the Tender in Indian rupees.

3 Where there is a discrepancy between the rate in figures and words the rates in words will govern (ITB Clause 19.1(a)

4 Where there is a discrepancy between the unit rate and the line item total resulting from multyplying the unit rate by quantity the unit rate quoted shall govern (ITB Clause 19.1(b))